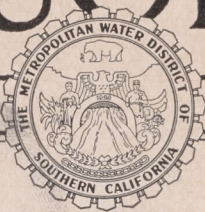


• COLORADO RIVER • AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT



OF SOUTHERN CALIFORNIA

VOLUME XXVI

NOVEMBER, 1959

NUMBER 11



The four representatives of the Central Basin Municipal Water District on the Board of Directors of the Metropolitan Water District were honored for five years of service on the Board on November 10. Board Chairman Joseph Jensen presented the four members with five-year

service pins. Left to right are Mr. Jensen, Directors Claire S. Thompson, Milo Dellmann, Victor H. York and Frank H. Wheelock. At right is Hamilton E. Robinson, President of the Central Basin Board of Directors, one of several Central Basin officers present.

Central Basin Directors Honored For Board Service

Ceremonies honoring the four representatives of the Central Basin Municipal Water District on the Board of Directors of the Metropolitan Water District were held at the District headquarters in Los Angeles on Tuesday, November 10.

Honored for five years of service on the District Board were Milo Dellmann, South Gate; Claire S. Thompson, Bellflower; Frank H. Wheelock, Vernon; and Victor H. York, Whittier. Each of the four men, who have served continuously on the District Board since the Central Basin joined the Metropolitan Water District, was presented with a five-year service pin by Board Chairman

Jensen. All Directors serve without pay.

Central Basin officials observing the presentations were Hamilton E. Robinson, Huntington Park, President of the Board; Arthur Gage, Bell Gardens, Board Member; Marshall R. Bowen, Whittier, Board Member; Carl Fossette, Downey, Executive Secretary; and Ralph B. Helms, Studio City, Attorney.

The Central Basin area, which covers practically all of Southeast Los Angeles County, has an area of more than 200 square miles including 18 incorporated cities, a population of nearly 1,000,000 and an assessed valuation of almost \$2,000,000,000. Central Basin voted to annex to the Metropolitan Water District in September of 1954, thus becoming eligible to receive Colorado River water

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Ceremony To Mark Aqueduct Completion

A ceremony commemorating the completion of the main Colorado River Aqueduct to its full capacity of more than one billion gallons of water a day has been tentatively scheduled for January 28, 1960.

The District Board of Directors has authorized the installation of a plaque at the West Portal of the San Jacinto Tunnel where, just a little over 20 years ago, ceremonies were held marking the completion of the main Aqueduct in its initial development.

Members of the Board of Directors, officials of District cities and other constituent areas and citizens of the District will be invited to attend the ceremony.

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THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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Contracts Awarded For Transmission Line

All major contracts for the materials and erection of a new 230-kv transmission line from Hoover Dam power plant in Camino switching station near Needles, California have now been awarded by the District. The new line will operate as a part of the transmission system delivering electrical energy to the full complement of nine pumps installed in each of the District's five pumping plants and is designed to make the transmission of the power in the most efficient and economical manner.

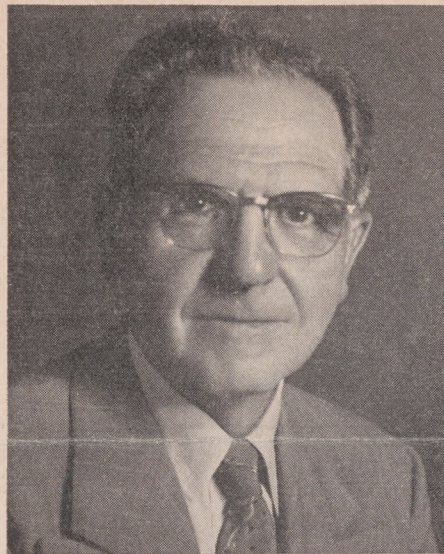
The contract for fabricating the steel towers was awarded to Bethlehem Steel Company and is in the amount of \$579,858. The contract for furnishing the aluminum conductor, overhead ground wires and the vibration dampers for the conductor and ground wires is for \$569,557.50 and is held by General Electric Supply Company, which will furnish Anaconda conductor and U. S. Steel ground wires.

The John M. King Company has been awarded the contract for the erection of the transmission line for a low bid of \$1,146,497. Insulators are being supplied by the H. K. Porter Company for \$57,800; the Joslyn Pacific Company is supplying hardware at a cost of \$13,259; and Gough Industries Inc. holds a \$5,585 contract for furnishing armor rods.

Engineering and administration, contingency funds and the remaining District furnished materials to be purchased will bring the District's total investment in the new transmission line to approximately \$3,000,000.

The new line will be 84 miles in length and will parallel the present line on existing District right-of-way. The District's transmission lines from the Camino switching station to the pumping plants initially were constructed to accommodate the additional power which will be made available through the new line.

Conrad R. Fanton Named New District Board Member



Conrad R. Fanton

Conrad R. Fanton of Flintridge was installed as the representative of the Foothill Municipal Water District on the Board of Directors of the Metropolitan Water District on November 10. He succeeds Nelson Hayward who passed away last July.

Mr. Fanton has had a wide and varied background in governmental and public affairs. He received his Bachelor's Degree in Social Sciences from the University of Chicago and an B.M.A. from Stanford University, Graduate School of Business.

During World War II he taught Governmental Control of Materials at the California Institute of Technology and the University of Southern California. For several years thereafter, he was a Lecturer at USC.

In recent years he has devoted his energies to county government and local community problems. He is Chairman of the Descanso Gardens California Native Plants Committee and of the Flintridge Home Owners Association. He is also a member of the Citizens' Advisory Committee on Construction to the Los Angeles County Board of Supervisors.

Central Basin Directors

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 from the District's Colorado River Aqueduct.

Milo Dellmann is Mayor of the City of South Gate and is a well-known plastics engineer. He has been a member of the Central Basin Board since its formation and holds the position of Treasurer.

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For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed November, 1959, covering District operations for October, 1959.)

Colorado River—The water surface of Lake Mead dropped 1.75 feet to elevation 1169.38 feet above sea level and usable storage decreased 222,000 acre-feet, or 73.6% of controlled capacity, during October. Average rate of discharge at Hoover Dam was 11,300 cfs.

Power and Pumping—Hayfield plant delivered 66,124 acre-feet of Colorado River water, with pumping on a throttled 6-pump basis continuously throughout the month except for one unit shutdown of 13 hours 51 minutes. The District's share of Parker energy was 18,810,471 kwhrs. Peak deliveries to and from Edison Company were 28,000 kw and 155,000 kw, respectively.

Water Deliveries—Softened water sales for the month amounted to 21,538 acre-feet as compared with 20,857 a year ago, an increase of 3.3 percent. Unsoftened water sales amounted to 50,620 acre-feet as compared with 31,719 a year ago, an increase of 59.6 percent.

Total deliveries in October amounted to 72,200 acre-feet as compared with 52,615 a year, an increase of 27.5 percent.

Weymouth Softening and Filtration Plant—Colorado River water was softened from 302 to 154 parts per million of hardness at an average rate of 345 cfs. Daily rate of flow varied from maximum 458 cfs to minimum of 243.

Construction—One new contract in the amount of \$298,915,000 was awarded in October for the expansion program, making a total of 179 formal contracts for expansion work and equipment in the amount of \$161,600,000. Contract gross earnings for October approximate \$1,050,000 for a total to date of \$145,200,000.

On the Colorado River Aqueduct west of San Jacinto Tunnel and Second San Diego Aqueduct (Pipe Lines and Siphons) the work is 93% complete, and on the Canal and Box Siphons the contract is 87% complete. Contract work on the Pressure Control Structures on the Lower Feeder is 46% complete. Work on the Relocation of a portion of the Palos Verdes Feeder was completed and accepted on October 28, 1959. Contract on the enlargement of Lake Mathews is 21% complete.

Donald M. Keith Retires As Assistant General Counsel

Donald M. Keith, Assistant General Counsel of the Metropolitan Water District has retired from the District after nearly a quarter of a century of service.

The District Board of Directors expressed its deep regret in losing the services of Mr. Keith and commended him highly for his "outstanding work in behalf of the Metropolitan Water District and the people of Southern California."

A graduate of the University of Southern California College of Law, Mr. Keith served with the United States Army in Europe during World War I. From 1921 to 1929 he was a Deputy City Attorney for the City of Los Angeles and then was engaged in private practice for a number of years.

He joined the legal staff of the Metropolitan Water District in 1935 as a Deputy General Counsel and has served the District since that time, with the exception of military service during World War II and also during the Korean conflict.

During the second World War he was appointed a member of the War Department Board of Contract Appeals in the office of the Under Secretary of War. He was recalled to active duty in 1951 to serve in a similar capacity during the Korean war.

Between the years of 1946 to 1957, when not engaged in military service, Mr. Keith dealt mostly with legal matters involving the Colorado River controversy and the Supreme Court suit, Arizona vs. California relating to water rights on the Colorado River.

In 1957 the District Board of Directors appointed him Assistant General Counsel. He filled the vacancy created when Charles C. Cooper, Jr. was appointed General Counsel following the retirement of James H. Howard from that position.

Mr. Keith, for a number of years, has served on the Technical Committee of the Colorado River Board and also as legal advisor for the Colorado River Association. He is admitted to practice in State and Federal Courts, the United States Supreme Court, the United States Court of Claims and the United States Court of Military Appeal.

He is a member of the American Bar Association, the Los Angeles Bar Association, the Chancery Club of Los Angeles and the Judge Advocates Association.

Following a vacation of several weeks, Mr. Keith plans to enter private practice.



Donald M. Keith, Assistant General Counsel of the District, retired this month after nearly a quarter of a century of service. His many District friends presented him with a portable typewriter on his last day at the office. Shown above, left to right, are General Manager and Chief Engineer Robert B. Diemer, Mr. Keith, Special Counsel James H. Howard and General Counsel Charles C. Cooper, Jr.

Central Basin Directors

(Continued from Page Two)

He is Chairman of the District Board's Land Committee and a member of the Water Problems Committee.

Claire S. Thompson operates a large furniture and appliance store in Bellflower. He is a Past President of the Chamber of Commerce and is also Vice President of the First National Bank of Bellflower. On the District Board he served as a member of the Organization and Personnel Committee and of the Legal and Claims Committee. At the time he received his five-year pin, Director Thompson announced that he will retire as a member of the District Board early in December.

Frank H. Wheelock is Plant Manager of Fiberboard Products, Inc., of Vernon, 2nd Vice President of the Vernon Chamber of Commerce and a member of the Executive Committee of the Central Basin Water Association. He is serving on two District Board committees, the Finance and Insurance Committee and the Water Problems Committee.

Victor H. York is President and owner of the York Oil Company and has been Chairman of the Board of the Salvation Army in Whittier for more than 25 years. He has been awarded the Salvation Army's Distinguished Service Cross. He is a member of the District Board's Engineering and Operations Committee and of the Organization and Personnel Committee.

Aqueduct Completion

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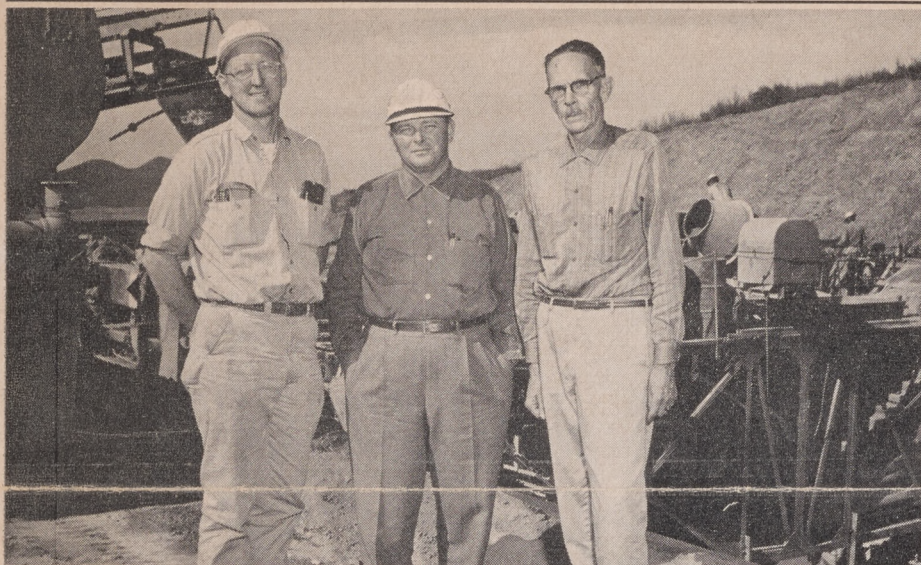
trict generally will be invited actively to participate in celebrating the event.

The ceremony to be held early next year will celebrate the completion of heavy construction work on the main Aqueduct which has been going forward since 1952 as a major part of the District's \$200 million expansion program to bring the Aqueduct to the full planned delivery capacity.

Main Aqueduct construction work which will have been completed includes the installation of six additional pumps in each of the five pumping plants, enlargement of the pumping plant structures, the installation of two additional delivery lines at each plant and the construction of nearly 25 miles of pipe siphons and canals on the Aqueduct.

Other work being carried forward by the District includes the construction of Garvey Reservoir, now completed; the construction of more than 100 miles of pipe lines and tunnels to expand the distribution facilities, largely completed; the enlargement of Lake Mathews from 107,000 acre-feet to 182,000 acre-feet, now under way; and the construction of additional filtering facilities at the F. E. Weymouth Softening and Filtration Plant, soon to be placed under way. Additional work to be performed includes the construction of a new transmission line, feeder lines and a filtration plant in Orange County.

NEWS FROM FIELD AND OFFICE



Contractor for the construction of canals and box siphons on the expansion of the main Aqueduct and the second San Diego aqueduct is Winston Bros. Co. Shown before a canal lining machine, left to right, are Hank Parker, Assistant Project Manager, Dave Adams, Project Manager, and Oarland Rush, MWD Assistant Engineer.

Mr. and Mrs. Harry Hedrick celebrated their 25th Wedding Anniversary on October 27. They were honored at a barbecue at the home of Harry's brother, William, in Torrance on October 31 with 21 members of the family in attendance, including both their mothers and daughter, Barbara. Harry, who is an Inspector, and his wife were presented with a lovely set of silverware by the family.

* * *

A recent visitor to the Los Angeles office was Randolph W. (Bob) Varney, a former "aqueducter" who worked for the District as a Chainman, Rodman, Junior Engineer, Instrument Man, Miner-Chucktender and Chief Inspector during the 1930's. In recent years Bob has been working on a number of construction projects in South America.

* * *

Jay Alderson, daughter of Associate Engineer Walter Alderson, was selected Homecoming Queen by the student body of San Gabriel High School. She was presented with a "sceptre" at half time of the Homecoming football game and coronation ceremonies were held at the annual Homecoming dance.

* * *

Music for the District's annual Christmas party will be provided for the third consecutive year by "The Aristocrats", an orchestra managed and directed by Ken Chamberlain, District Junior Inspector, who says that requests for favorite numbers are welcome. The party will be held at the Pomona Valley Coun-

try Club on December 19 starting at 7:00 P.M. The charge for the dinner and party will be \$3.85 per person.

* * *

Sixteen employees in the Los Angeles office and their wives and guests attended the UCLA-Air Force Academy football game on October 23 as a group. Tickets for the game were obtained directly from the A. F. A. Athletic Association in Denver by Guillermo Tovar, Assistant Engineer, who is a member of the Association.

Mrs. Gail Moody, wife of Utility Man Wallace Moody, was honored at a stork shower in the Gene Village Recreation Hall on November 11. The main table was loaded with lovely gifts and decorated with red roses. A beautifully decorated cake, coffee and tea were served. Those attending were Joan Whaley, Jerri Holt, Nina North, Shirley Elliott, Judy Allen, Ardys Stewart, Mrs. G. V. Smith, Linda Reider, Nancy Crawford, Janet Murphy, Mary Helen Clark, Alma Parker, Dorothy Hines, Nellie Hedrick, Marcia Faulhaber, Ila Mae Dockery, Marva Gerbitz, Jean Carnahan and Mrs. Raymond of Rice. Hostesses were Rena Smith, Libby Clarey, Thelma Heine, Dorothy Ayers, Thelma Gabele and Charlotte Naffziger. Sending gifts but unable to attend were Nilda Yaklowich, Dorothy King, Jackie Zans, Edna (Red) Robbins and Vi Wenzel.

* * *

Calvin N. (Cal) Twiggs, formerly Assistant Station Chief at Eagle Mountain Pumping Plant, has taken over the duties of Station Chief at Intake Pumping Plant. He moved his wife, Jean, and two sons, Vance and Jeff, to Gene Village on November 20.

* * *

Jerry Kelly, Draftsman, and his wife, Marie, became parents for the second time on October 30 when a baby boy arrived at Kaiser Hospital in Hollywood. The young man weighed 6 pounds 15 ounces and has been named Michael Eugene.



The contract for the enlargement of Lake Mathews is held by Winston Bros. Co. and Green Construction Company. Key personnel on the job are, left to right, Hugh S. Thompson, Project Manager, Royce H. Hickman, Assistant Project Manager, Robert T. DeBolt, General Superintendent, Howard Ballentine, Equipment Superintendent, and Hugh Miller, Project Engineer.